HIKVISION

Wireless Camera Package User Manual

See Far, Go Further

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Introduction

The purpose of this section is to ensure that users can use the product correctly and avoid risks or property loss. Please read the product manual carefully before using the product, and keep it for future reference.

Symbol Conventions

For symbols used in the document, see the following descriptions.

Symbol	Description
Note	Provides additional information to emphasize or supplement important points of the main text.
Caution	Indicates a potentially hazardous situation, which if not avoided, could result in equipment damage, data loss, performance degradation, or unexpected results.
Danger	Indicates a hazard with a high level of risk, which if not avoided, will result in death or serious injury.

Security Usage Notes

- You must strictly follow all the electrical safety regulations of your country or region when installing and using the devices. Use a power supply that matches the device and meets the SELV (safety extra low voltage) requirements. For specific requirements on the power adapter, please refer to Product Parameters.
- Do not expose the device for internal use to rain or moisture to avoid fire or electric shock risks.
- Please connect the easy-to-use power-off device to the building assembly line.
- Do not let any object fall on the device or subject it to violent vibration. Keep the device away from places with magnetic field interference. Avoid installing the device in a place where the surface vibrates violently or is easily impacted.
- Do not touch the image sensor directly. If cleaning is necessary, slightly wet a clean cloth with alcohol and gently wipe off the dust. When the camera is not in use, please put on the dust cap to protect the image sensor.
- To prevent heat accumulation, keep the area around the camera ventilated and do not touch the heat dissipation parts of the device directly to avoid scalding.
- Do not focus on strong light (such as artificial light and sunlight) to avoid overexposure or underexposure (which is not a camera fault) and shorten the life of the image sensor.
- The laser beam may burn the image sensor. Please make sure that the surface of the image sensor is not exposed to the laser beam when using the laser device.
- Do not use the product in extremely hot, extremely cold, dusty, corrosive, or high humidity environments. For specific temperature and humidity requirements, refer to the product's parameter table.
- Store the device in a dry place free of corrosive gases and away from direct sunlight.
- Please keep the original packaging materials properly so that you can use them to package the device when sending it to the distributor or returning it to the manufacturer for handling if any issues occur.
- If the device does not work normally, please contact the store where you purchased it or the nearest service center. Do not disassemble or tamper with the device in any way (the company will not be responsible for any issue caused by unauthorized modifications or repairs).

Unpacking Inspection

Check Steps

When you purchase the camera, please first check if the product packaging and appearance are obviously damaged. Then, open the product outer carton, and refer to the packing list to check if all accessories are complete.

After you confirm that the information is correct, you can install and use the device

Packing List

The camera packing list is shown in Table 1-2-1.

Table 1-2-1 Packing List

No.	Picture	Accessories Name	Quantity
1		Wi-Fi Box	1
2		Wi-Fi Camera	1
3		Wi-Fi Antenna	2
4		Power Cable Harness	1
5		Quick Start Guide	2
6		Screw	5
7		Wrench	1
8		Wrench	1

Note

The accessories may vary with different structures of the camera. For details, please refer to the actual product packaging.

Product Overview

Product Features

- This series of products is a dual-band wireless NIC module with high integration, which integrates wireless NIC MAC, 1T1R baseband, and radio function on a single chip. The module is compatible with IEEE 802.11a/b/g/n wireless standards and supports a maximum physical layer rate of 150 Mbps.
- Frequency band: 2.4 to 2.4835 GHz or 5.15 to 5.85 GHz.
- IEEE standard: IEEE 802.11a/b/g/n
- Wireless Speed: Up to 150 Mbps
- Power Supply: DC 9V ±36V

2.1.1 Overview



Figure 2-1 Overview Diagram

1, Indicator light; 2,Camera tail line; 3, WIFI antenna; 4,Function keys;

2.1.2 Camera Concept Diagram



Figure 2-2 Camera

1.Wi-Fi antenna; 2. Camera; 3. Infrared light; 4. Bracket; 5. Bracket Screw;
6. Power Cable;

2.1.3 Aviation Plug Cable Harness

This product uses aviation plug cable harnesses, which are divided into 2 specifications according to the pinout sequence of the aviation header, as shown in Figure 2.1.4. Please select the matching specification based on the vehicle's cable situation.
The camera is powered by wide range DC power supply (9 V to 36 V) suitable for on-board environment.



Camera



Telematics Receiver

Figure 2.1.4 Aviation Plug Pinout

3 Product Installation

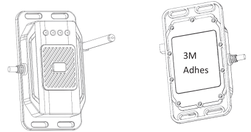
Please check if the device and all parts are intact and complete before installation.

⚠Caution

The camera installation position is at the rear compartment, the front arm lifting area of cranes, the rear of trailers, the side blind spots of dump trucks, the blind spots of coaches or buses, and various scenarios such as trucks without rearview mirrors.

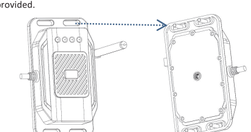
Installation Type: Two Installation Methods of Main Device

Step 1 Main device 3M Adhesive Mounting: Remove the release paper from the 3M adhesive in Figure 2, and place the main server on the center console, as shown in Figure 2.



(Left View) (Right View)

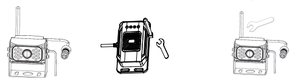
Step 2 Fix the main unit with screws: Secure the main unit in place using the set screws provided.



(Zone Map) (Zone Map)

Camera Installation Types

Step 1: Use the wrench included in the packaging to loosen the two angle adjustment screws, but do not remove them completely, allowing the camera to rotate freely around the rotation shaft. The device base supports dual-direction installation, as shown in Figure 3-1. The actual installation scenario should be prioritized to ensure that the bracket adjustment tighten screws are easily accessible for operation.Use the wrench included in the package to loosely install the wifi antenna until the antenna cannot be unscrewed manually, as in 3-2 and 3-3



Brackets Adjustment (Figure 3-1) Brackets Adjustment (Figure 3-2) Brackets Adjustment (Figure 3-3)

Step 2: Pre-installation preparation. If the installation location is at the rear of a cable reel truck, the top or side blind spot of a truck, trailer, or dump truck, the specific installation is shown in Figure 3-4 and Figure 3-5.



Actual Installation (Figure 3-4)



Implementation (Figure 3-5)

4 Product Operation Guide

Startup Power-On Indicator Light: When the camera is not connected to a computer, the indicator light will slowly blink in red.
The indicator is solid red after the camera is connected to the power supply.

Indicator Light Shows Pairing Status:
Camera 1: Pairing, red light 1 flashing fast, pairing done, red light solid.
Camera 2: Pairing in progress, red light 2 flashes quickly. Pairing done, red light solid.
Camera 3: Pairing in progress; red light 3 flashes fast. Pairing completed; red light is solid.
Camera 4: Pairing, red light 4 flashes quickly. Pairing done, red light solid.

Press the Function Key to Cycle Through Camera Modes:
Press the function key to cycle through the following modes: Camera 1 > Camera 2 > Camera 3 > Camera 4.

Press and Hold for 3 Seconds to Pair:
Press and hold the button for 3 seconds until the screen shows the pairing countdown. Power on the camera to start the pairing process.
Pairing: red light flashes rapidly.
Matched: red light stays on.
Not matched: red light flashes slowly.

Press and Hold for 10 Seconds to Unlink:
Press and hold a button for 10 seconds to unlink all the cameras automatically.
After unlinking, the indicator will flash slowly.



Tip:
1.If the camera is not powered off during the pairing process,the machine may fail to match. A message willbe displayed on the main interface of the device for 20 seconds.After the countdown ends,repeat the above steps to perform the pairing again.
2.The power source should meet limited power source or PS2 requirements according to IEC 62368-1 standard.